

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4558 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

## Mark Vagliente, KC5FMT

An e-mail message from KK5DO posted just after Christmas indicates that Mark, KC5FMT, of Houston, TX, is a silent key. He died in a single motorcycle accident in Mexico; where he had traveled to get his license renewed. He will be remembered by the VHF group for activating many grids in Mexico on 6, 2, and 0.7m.

He is survived by wife and 2nd op, Barbara, KC5FMU.

## GJ4ICD QRT

The news for those of us on the west coast is bad enough that I thought of enclosing this in a black box. The best-equipped 6m station on the isle of Jersey is no more. No, Geoff is OK, but he has left Jersey to run SMC Ltd in the UK. He and his wife have bought a house in Southampton and sold all their assets in Jersey. While he will pop back to GJ from time to time, as his son is staying there; he does not expect to be active on the bands for some time, as he has heavy responsibilities rebuilding SMC's retail dept.

The Internet Six News pages may be kept running, but will have a new url:  
<http://www.radiosales.demon.co.uk/50dx.html> #

## DX Operations

**Western Samoa:** Look for Sakuma, JI3WLT, to be QRV as 5W1SA until March 2000.

**Tonga:** Lee, A35VR is QRV from A35RK's QTH until February 1999. No word on the Icom 706 that was returned to the states for repairs last month, so 6m ops unknown. Another e-mail indicated that Paul, A35RK, was taking all three of his rigs to New Zealand for repair.

**Campbell Is:** A 12-member Kermadec DX Association team is expected to arrive on January 6 and remain until January 25. They expect that ZL9CI will be fully QRV on 6m from January 10 to 24 with 500W to a 5 el beam and a beacon keyer. (They proposed operating a beacon on 50.110, and indicated that the beam might be fixed pointed N for ZL & JA.)

**Minami Torishima:** Ryo, JL1KFR, is QRV as JL1KFR/JD1 until January 7, and is supposed to be QRV on 6m.

**Ogasawara:** Den, JI1FLB, was to be QRV on all bands including 6m from December 30 to January 2. Tnx SM7AED.

**Pakistan:** Sergio, IZ2BRN, is now QRV from MM64MA as AP2WAP with an IC-706 and 3 el Yagi. Tnx SM7AED.

**Palau:** Hiro, JF1OCQ, and Tatsu, JA0QBY were to be QRV as T88HM and T88TN respectively from December 19 to 22.

**Martinique:** FM/W8MV was to be QRV 160-6m from December 21 to 30.

**Eastern Pacific Waters:** Clint, W1LP/mm, and his ship are on their way up the west coast of North America, scheduled into Long Beach around New Year's Day. He has 6, 2, and 0.7m gear on board. I expect that they will make their way up to Washington and then retrace their route. See the activity reports further on to see what he worked and how fast they moved. Hint: it's slower going northbound, where they're bucking the current.

**Eastern Atlantic Waters:** Theo, PA3HEN/mm, continues to ply the waters between Antwerp, Belgium; Rotterdam, Netherlands; Lisbon, Portugal; and the Cape Verde Islands. Guinea Bissau would have been included except for a civil war there. He has been working South America regulars on 6m with 20 Watts and a dipole. He operates SSB and CW @ 15 wpm, listening 50.110 and working 50.140. # PA3BLS writes that Theo will be home from about December 18 to February 1.

**Amsterdam Is.:** The two operators of FT5ZH did well on HF, and were supposed to be QRV on 6m as well, but I have not seen any reports of them being worked there.

**Lord Howe Is.:** VK4JSR reports operating three days on VK9L in continuous rain and 50-60 knot winds. He was thus unable to erect a 6m Yagi, and used a dipole from which he made no contacts on 6m.

**Chile:** Yves, HB9AOF, will be QRV on 6m as XR3J from FF46, south of Santiago from December 26 to January 7 during the World Jamboree session. Equipment: IC706 and 5 el F9FT Yagi. (Tnx F8OP via SM7AED).

## QSL Information

**T15KD:** Carlos W. Diez, PO Box 195 Belen, Heredia, COSTA RICA 4005

**T88HM:** Hiro C Miyake, 1-3-6 Asakura-Cho, Maebashi-City, Gunma 371-0811, JAPAN or via bureau to JF1OCQ

**T88TN:** Tatsuo Nishihara, 1458, Kihimiya, Mishima-Cho, Mishima-Gun, Niigata 940-2322, JAPAN or via bureau to JA0QBY.

**V8A:** via JH7FQK

**XU1A:** via JH1AJT

**XU2A:** via XU2C (7L1MFS)

**5V7FA:** via G4FAM

**9K2CA:** (ex 9K2HA) via ON6BY Monique, Klaprozenlaan 10, 8400 Oostende, BELGIUM

**E30GA:** via K4JDJ, 556 Babtown Rd, Suffolk, VA 23434

**FR5DN:** Philippe Mondon, 25 rue de l'eglise, 97425 les Aivrons, REUNION Is.

**TA7V:** Erol Tuncay, PO Box 62, 61200 Trabzon, TURKEY

**XE1NVX:** via EA5XX, Julio Volpe, PO Box 4062, 03080 Alicante, SPAIN

**ZA1MH:** via Z32KV

# Beacon News

BV2FG: 50.001 is off the air since August, and no return is expected.

JA7ZMA: 50.027 call change to JE7YNQ (also on 24 and 28 MHz). Reports to coordinator JH7DHS or JE1BMJ.

HC2FG: has been relocated to a hill 80m high, 1 km from the Pacific Ocean, about 100 km from HC2FG's QTH. It is running 5W into a J-pole. He is building a 20W amplifier for the beacon.

## Nov-Dec 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in MOBIL HAM, GJ4ICD's *Internet Six News* (marked #), G4UPS, YO7VS, EH8BPX, XE2HWB, XE1AVM, ZL3TY, VE7SKA, W0MTK, K6QXY, LW5EJU, HP3XUG, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned (or both CW & SSB), H=heard only.

## Reports of Africa

### ASCENSION IS.

11272211 ED8VHF SO/1FSK-0039 50.0321 B HP3XUG  
11282248 ED8VHF SO -0223 B HP3XUG  
11292249 ED8VHF SO wk < 0230 B HP3XUG  
12020117 ED8VHF 50.032 B PP1CE

### CANARY IS.

11012111 EH8BPX 57 ABELINO 50.130 LW5EJU  
11032238 EH8BPX 59 ABELINO 50.105 LW5EJU  
12012242 EH8BPX 55 ABELINO 50.140 LW5EJU  
12152325 EH8BPX 50.110 PY5CC

### CAPE VERDE IS.

11240821 D44BS 50.110 IK4IDF

### CENTRAL AFRICAN

09201505 TL5A 59/59 JJ49 50.107 S YO7VS  
12061303 TL5A 529>JM53 50.107 IK5MEH

### EQUATORIAL GUINEA

10291636 3C5I > JM65 H SM7AED  
11302125 3C5I 50.110 9H1EL  
12031111 3C5I 599>JM72 50.105 B IK6TIJ  
12031216 3C5I 559>JM52LR 50.105 B IK5RLP  
12051041 3C5I 339 JJ43>JO89 50.105 SM0FMT

12051043 3C5I	599/559 ALAN	50.105 SP6ASD	11291411 IS6BTE	50.105 B IK2GSO
12051058 3C5I	5991	50.105 GJ4ICD	11291415 IS6DN	50.050 B SV1DH
12051101 3C5I	JJ43 559>JM057	50.105 IS6CMU	11291417 IS6WB	50.113 B IV5DW
12051209 3C5I	59>JM11	50.115 EH3CQQ	11291421 IS6Y	50.200 B 559F
12051223 3C5I	JJ43	50.130 IW2DVK	11291423 IS6TWB	50.043 B SV1DH
12061108 3C5I	JJ43JR CQ	50.105 9A8A	11291430 IS6AXT	50.110 B SV5BYR
12061126 3C5I	59 JM61	50.130 IW0GDC	11291430 IS6WB	50.110 B SV5BYR
12061134 3C5I	CLG CQ	50.110 IS6YJY	11291442 IS6DE	50.050 B 9A3FT
12061201 3C5I	57>JM11	50.110 EH3CQQ	11291452 IS6AXT	50.108 B IKOTUM
12061216 3C5I	JJ43>JM58 42	50.110 DL4NDQ	11291528 IS6Y	50.300 B IW0EPI
12061230 3C5I	449>JM86	50.110 9A8A	11291539 IS6PVW	50.130 B IW0EPI
12061246 3C5I	S7 SSB	50.110 SV1DH	11291540 IS6BTE	50.100 B IW0EPI
12061258 3C5I	539>JM86	50.110 9A3HZ	11291734 IS6WB	55 WKG CT-EA 50.112 CT4KQ
12061307 3C5I		50.105 GJ4ICD		
12061309 3C5I	W EH9AI	50.106 EA7KW		
12061315 3C5I		50.115 9A3PT		
12081133 3C5I	57>JM11	50.110 EH3CQQ		
12081203 3C5I	STRONG	50.110 IK0FTA		
12091557 3C5I		50.110 9H510		
12131132 3C5I		50.110 IT9RER		
12191024 3C5I	55>JM61	50.110 IK0FTA		
12191031 3C5I		50.120 IT9RER		
12191052 3C5I		50.120 EA7KW		
12191102 3C5I		50.120 GJ4ICD		
12201041 3C5I	CQ	50.105 9A3PT		
12201426 3C5I		50.110 CT1DYX		

### ERITREA

11061251 E30GA	KK95 > JO65	SM7AED
11151310-E30GA		50.110 W GJ4ICD

### GABON

11291137 TROA	BCH 519>JM61	50.048 B IK0FTA
12081206 TROA	52 >JM61	50.048 B IK0FTA

### MADEIRA IS.

11091946 CT3FT	59+IM13 CEDRIC	50.108 LW5EJU
11122303 CT3FT	57 IM12 DUARTE	50.130 LW5EJU
11142024 CT3FT	57 CEDRIC	50.110 LW5EJU
11192333 CT3FT	57 DUARTE	50.120 LW5EJU
11202229 CT3HF	57 DUARTE	50.110 LW5EJU
11202350 CT3HF	IM12OP	S EH8BPX
11292258 CT3HF	CO CO 6M	50.110 PY5CC
12062158 CT3FT	CEDRIC S9	50.110 PY5CC
12082223 CT3FT	CEDRIC S9+20	50.110 PY5CC
12132244 CT3FT	S9+40DB	50.110 PY5CC
12202234 CT3HF	CQ CQ 6M	50.110 PY5CC
12202254 CT3FT	CLG CQ 6M	50.110 PY5CC
12212319 CT3HF		50.110 PY5CC

### MALAWI

10171933 7Q7RM	599/529 KH74MF	C YO7VS
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### MALI

10291655 TE6VV	IK63 > JO65	SM7AED
10291700 TE6VV	IK63 > JO65	SM7FJE
12081649 TE6VV		50.110 IK0FTA
12081651 TE6VV		50.135 IT9KBS

### MOROCCO

11042246 CN2UN	52 IL37 ROSS	50.110 LW5EJU
11091951 CN8LI	53 IM64 SAID	50.108 LW5EJU
11122202 CN8LI	55 BEACON	50.027 LW5EJU
11122258 CN8LI	55 IM54 SAID	50.130 LW5EJU
11192302 CN8LI	55	50.027 B LW5EJU
11210018 CN2UN	CQ CQ 6M	50.110 PY5CC
11232109 CN8CF	JO11DA>JM43DS	50.135 FIDFF
11252221 CN2UN	CQ	50.110 PY5CC
12020109 CN8LI		50.027 B PP1CE
12072324 CN2UN	59 W SAHARA	50.110 S PY5CC

### NAMIBIA

09281651 V51KC	59/58 JG88 JACK	S YO7VS
10231555 V51VE	59/59 QSL VIA ZR6VE	S YO7VS
11221528 V51VHF	599/JM78	50.017 B IW9CIB
11231406 V51VHF	599++	50.018 B IT9RER
11231454 V51VHF	88 >1400E	50.017 B SV1DH
11241956 V51VHF	539>JM76	50.018 B IT9CHU
11291336 V51VHF	59 59	50.018 B IW0EPI
11291350 V51VHF	55	50.017 B SV1DH
11301850 V51VHF	559 JM61HX	50.018 B IW0GDC

### NIGERIA

12201418 SB9RGF SERGIO		50.110 CT1DXY
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### SENEGAL

11011657 6W1QV	IK14 > JO65	SM7FJE
11011702 6W1QV	IK17 > JO65	SM7AED

### SOUTH AFRICA

10171221 ES6AXT	579/529 KG33VV	I VO
10171224 ES6EJ	57/559 KG33 LEROY	S YO7VS
10231321 ES6FJS	599/529 KG46RC PAUL	C YO7VS
10231455 ES6AXT	599/559 KG33VV	C YO7VS
10231503 ES6BTT	599/529 KG33 IAM	C YO7VS
10231538 ES6EL	59/55 KG33VV OCKERD	S YO7VS
10291341 ES6AXT	599/449 KG33VV IVO	C YO7VS
10291552 ES6FJS	KG46 > JO65	SM7AED
10291554 ES6AXT	KG33 > JO65	SM7AED
10291556 ES6DM	> JO65	B SM7AED
10291601 ES6TWB	> JO65	B SM7AED
10291617 ES6PT	KG44 > JO65	SM7AED
11231311 ES6AXT	CQ 559>JM75	50.110 9H510
11231314 ES6DM	S7 QSB>JM53	50.050 B IT9CHU
11251600 ES6BTE	CQ DX EU	50.117 IT9CER
11251646 ES6BTE	CQ DX EU	50.117 IT9CHU
11251833 ES6AXT	CLG CQ CW	50.110 IT9CHU
11291336 ES6AXT	539 JM45	50.110 IT9CHU
11291356 ES6AXT	CQ CW	50.110 9A3PT
11291356 ES6BTE		50.125 9A3PT

### ZIMBABWE

10231605 E22JE 57/42 KH52NF S YO7VS

## Reports of Asia (Mid East)

### OMAN

12130932 A45SH	539	50.110 BV2DP
12130937 A45SH		> PL36 50.110 C JR6VSP
12130939 A45SH		> PL36 50.110 C 7J6CCU

## Reports of Asia (Far East)

### ASIA, GENERAL

12040004 ASIAN TV S9	49.75+-	V EL3TY
12040030 ASIAN VID 59++	49.750+-	V EL3TY
12040151 ASIAN TV	48.24, 48.25, 48.26	V EL3TY
12040300 ASIAN VID 58	48.24, 25.26	V EL3TY
12120220 ASIAN TV VID 59+	49.750+-	V EL3TY
12190844 ASIAN VID S2	90° 48.24, .250	SV1DH
12230800 ASIAN TV VID 55	-0830 48.26	V EL3TY
12230800 ASIAN TV VID 55+	-1000 49.75	V EL3TY
12250100 ASIAN TV VID 59+	49.750+-	V EL3TY
12260010 ASIANTV ALL AFTERNOON	49.75	V EL3TY

### HONG KONG

12020151 VR2KZB KEN 599	50.110 FY5CC
12091104 VR2XHQ	50.110 V73AT
12091104 VR2XHQ CLG CQ	50.110 V73AT
12111016 VR2XMT	50.110 V73AT
12140835 VR2EDH	> PM85 50.110 H JE2DW
12140838 VR98LC	> PM85 50.130 H JE2DW

### JAPAN

10282340 JI2XPT 22	50.100 H XE1AVM
11142310 JH2COIS BACKSCATTER	K6QKY
12030536 JA1VOK	50.110 S V73AT
12030547 JA1VOK	> RF70 50.110 S EL2TFY
12030607 JA1VOK	> RF70 50.107 S EL2TFY
12030610 JA1RJU	> RF70 50.105 S EL2TFY
12030624 JR2HCB	> RF70 50.105 S EL2TFY
12040004 JA6YBR 419 -0022	50.07 B EL3TY
12040004 JA6NKE 559 -0053	50.11 C EL3TY
12040015 JA4FJD 559 -0047	50.11 C EL3TY
12040015 JA4FJD 559 -0050	50.11 C EL3TY
12040059 JA1MVK 539	50.11 C EL3TY
12040108 JA4DLP 55	50.125 S EL3TY
12040123 JA5BEV 539, JA1GTF 559	50.110 C EL3TY
12040154 JA2RHB 559, JA4CUU 529	50.110 C EL3TY
12040157 JA1RJU 559 > RE57OM	50.11 C EL3TY
12040200 JA1RJU 559 > RE66	50.110 C EL3TY
12040224 JA2XW 529	50.109 C EL3TY
12040224 JE2RDD 55/53 > RE57OM	50.110 C EL3TY
12040310 JA4DLP 59	50.110 C EL3TY
12040311 JR2HCB, JA5CMO 59	50.130 C EL3TY
12040315 JA4JPO 59	50.110 C EL3TY
12040321 JA6ETS, JP6RFZ 59	50.130 C EL3TY
12040335 JA6UKB, JA6VVA 59	50.120 C EL3TY
12140624 JA2IGY > RP70	50.010 B EL2TFY
12140630 JA6YBR > RP70	50.017 B EL2TFY
12140640 JA4DLP PM64 > RP70	50.107 S EL2TFY
12252345 JA2DDN 59	50.110 C EL3TY
12252356 JA3EBC 55	50.110 C EL3TY
12260005 JA5ALP	50.130 C EL3TY
12260010 JA2HEI WRC KH7	50.110 C EL3TY

### KAMPUCHEA (CAMBODIA): A

multinational team of DXpeditioners conducted a special events DXpedition from the ancient temple city of Angkor Wat in the Siem Reap province from November 26 through December 4. The team consisted of Yasua, JH1AJT; Kimo, KH7U; Kazuhiko VR2KF; Hitoshi, FJ1IST; Jan, SM0DJZ; Masayuki, VR2MM; Erik, SM0AGD; and Frank, AH0W/OH2LVG.

11240653 XU2A	> PM74 50.114 C JA3EGE
11240656 XU2A	> QM08 50.114 C JH7LLB
11240700 XU2A	> PM86 50.114 C JA9SSB
11240712 XU2A	> PM63 50.150 S JA5CMO
11240715 XU2A	> PM85 50.150 S JE2DWE
11250609 XU2A	> PM83 50.110 H JE2DWE
11260544 XU2A	> QM09 50.120 S JK7IKU
11260545 XU2A	> QM08 50.120 S JH7LLB
11260546 XU2A	> PM86 50.120 S JA9BHZ
11270806 XU1A	> PM85 50.110 S JE2DWE
11270817 XU2A	> PM37 50.110 C HL1LTC

11270835 XU2A > PM37 50.110 S HL1LTC  
 11280415 XU1A > PM75 50.110 S JA1AGTO  
 11280417 XU1A > PM75 50.110 S JA1JTTG  
 11280430 XU1A > QM05 50.110 S JA1VOK  
 11280447 XU1A > PM53 50.110 S JA1GETW  
 11280453 XU2A > PM75 50.126 H JL4GATO  
 11280456 XU2A > PM53 50.126 S JA1GTEW  
 11280506 XU2A > QM05 50.126 S JA1VOK  
 11280515 XU2A > PM75 50.130 S JA1JTTG  
 11290325 XU1A > PM85 50.110 H JE2DWE  
 11290327 XU1A > QM05 50.110 H JA1VOK  
 11290357 XU2A > PM75 50.135 S JA1AGTO  
 11290359 XU2A > PM75 50.135 S JA1AGTO  
 11290411 XU2A > PM85 50.135 H JE2DWE  
 11300407 XU2A > PM85 50.110 H JE2DWE

#### KOREA, S.

12030556 HL5XF > PM85 50.110 H JE2DWE  
 12040015 HL5XF 529 -0055 50.11 W EL3TY  
 12040225 HL5XF 57 50.11 S EL3TY  
 12040330 HL5XF 59+ PM45>RE66 50.110 EL3TIC  
 12040627 HL5XF 56 50.110 V73AT  
 12091259 HL1LTC > QM05 50.110 H JA1VOK  
 12091308 HL1LTC > PM85 50.110 H JE2DWE  
 12091354 DS3CK > QM08 50.150 S JA1QVII  
 12091411 HL1LTC > QM08 50.110 C JA1QVII  
 12140536 HL5XF 50.110 V73AT  
 12252358 HL5 WKG JA 50.120 H EL3TIC

#### MALAYSIA, WEST

12030639 9M2 cb2 > PM85 53.76 F JE2DWE  
 12050717 9M2 cb2 > PM85 53.75 F JE2DWE  
 12120836 9M2HK 50.107 JA5CMO  
 12120900 9M2 cb2 > QM05 53.75 F JA1VOK  
 12190657 9M2HK > PM64 50.107 C JA4KFA  
 12190750 9M2HK > PM85 50.107 H JE2DWE

**MYANMAR (BURMA):** The Myanmar DXpedition team was to be QRV November 21 through December 7. So, who did JE2DWZ hear on the 11th? (Or was it a mistaken date?) Phil, YB0ARA/9 reports a total of 300-400 JAs and A45ZN were worked on 6m.

11240512 XE1N > PM74 50.115 S JA3EGE  
 11240514 XE1N > PM63 50.115 S JA5CMO  
 11240522 XE1N > PM85 50.115 S JE2DWE  
 11240545 XE1N > PM37 50.115 C HL1LTC  
 11240553 XE1N > PL36 50.115 S JR6VSP  
 11240613 XE1N > PM37 50.110 S HL1LTC  
 11240622 XE1N > PM86 50.110 S JA95SB  
 11240902 XE1N > PM53 50.110 S JA1ETW  
 11260557 XE1N > PM86 50.110 S JA98HE  
 11260633 XE1N > QM09 50.110 C JK7IKU  
 11260700 XE1N > PM96 50.115 C JH0MHE  
 11270700 XE1N > PM37 50.115 H HL1LTC  
 11290909 XE1N > PL36 50.110 S JR6VSP  
 11290913 XE1N > PL36 50.110 C JR6VSP  
 11290920 XE1N > PM53 50.110 C JA6QGG  
 11290943 XE1N > PM75 50.110 H JL4GTO  
 12020705 XE1N > PM63 50.110 H JA5CMO  
 12060620 XE1N > PM85 50.110 H JE2DWE  
 12070610 XE1N > PM63 50.110 H JA5CMO  
 12070619 XE1N > QM08 50.110 C JH7MSB  
 12070624 XE1N > QM09 50.110 C JL7IWF  
 12110625 XE1N > PM85 50.110 H JE2DWE

#### SINGAPORE

11280418 9V1AG > QM05 50.130 S JA1VOK  
 11280448 9V1AG > PM53 50.130 S JA6TEW  
 11290350 9V1AG > PM75 50.130 S JA3JTG  
 11290405 9V1AG > PM85 50.130 S JE2DWE  
 11290406 9V1AG > PM75 50.130 S JA1AGTO

#### TAIWAN

12021343 BV2DP > PL36 50.110 C JR6VSP  
 12120505 BV2DP > QM05 50.110 H JA1VOK  
 12130950 BV2DP > PL36 50.110 S JR6VSP  
 12140532 BV2DP 50.110 V73AT  
 12140945 BV2DP 50.110 VR2IL

## Reports of Europe

#### EUROPE GENERAL

11021140 EUR INBAND TV WEAK I G4UPS  
 11281019 UA/VIDEO S9+> JO23 49.757 PE1MCD  
 11291529 EUR VIDEO 49.744.8 49.745 ER1ADI  
 11301049 UA/TV 59+>KP02 49.750 OH6KTL  
 11301215 UA/VIDEO 49750.0/ 49.7396 V PA3HBH  
 12051333 EUR VIDEO MS ENHANCE 48.250 WA1OUB  
 12061436 EUR VIDEO S2 48.250/ 48.242 KLTOL  
 12122057 UA/TV MS>WEAK AUROR 49.750 V OH6KTL  
 12190724 EUR VIDEO/PORADIC E 49.750 PA3BFM  
 12201456 EUR VIDEO 48.250 ER1TRD  
 12201529 EUR VIDEO S9+ QSB 48.242 KLTOL  
 12201613 EUR VIDEO S01-2 48.249 W3EP/1  
 12291312 EUR VIDEO>FN43 48.250 V WA1OUB

#### EUROPEAN WATERS

11182152 PA3HEN/MM HK84 S EH8BPX  
 11222248 PA3HEN/MM HL93 50.115 PY5CC  
 11222250 PA3HEN/MM 51 HL93 50.115 LW5EJU  
 12022325 PA3HEN/MM IL16 50.110 PY5CC  
 12040001 PA3HEN/MM HL92 50.110 PY5CC

#### AUSTRIA

11021148 OE6FGG 59/59 JN77RC FRITZ S G4UPS  
 11021221 OE5UAL 59/59 JN68BE TONY S G4UPS  
 11021717-08E6PHD 55 > IO80JV H G4UPS  
 11170848 OE2URL 59/59 JN67LX> IO80JV S G4UPS  
 11172350 OE1SOW 55 > IO80JV H G4UPS  
 11210940 OE2MFZ 44 MS? S YOTVS

#### BALEARIC IS.

10201055 EH6FB JM08 > JO65 SM7AED

#### BELGIUM

10111239 ON6ZK 56/56 JO20KW TANS 5W S YOTVS  
 10120906 ON4GG 59/59 S YOTVS  
 10121612 ON4ANT 59/59 C YOTVS  
 10201242 ON1DO 57/59 JO11PC MARC S YOTVS  
 10201253 ON4LCV 57/53 JN29VQ S YOTVS  
 11051750 ON1DNE JO21 > JO65 AU SM7FJE

#### BULGARIA

09270743 LZ2FO 579/579 KN13KC CEKO C YOTVS  
 09270758 LZ2FR 57/57 KN13IU KOSTA S YOTVS  
 10111412 LZ1AG 579/559 KN22ID ANGEL C YOTVS  
 10111417 LZ1EP 579/559 KN22ID GEORGE C YOTVS  
 10171318 LZ2FR 559/579 KN13IU KOSTA S YOTVS  
 10180830 LZ2FR 57/57 KN13IU KOSTA S YOTVS  
 10181408 LZ1AG 599/559 KN21JX TONY C YOTVS  
 10251153 LZ1AG 559/559 KN22 ANGEL C YOTVS  
 12281707 LZ2FR 50.132 IT9KSS

#### CROATIA

10221903 9A2OO JM883 > JO65 SM7FJE  
 11021194 9A1CAL 599, 599 #1245 -1315 B G4UPS  
 11021256 9A8A 599/559 JN86 MARK C G4UPS  
 11021701 9A3PT 59 H G4UPS  
 11021717 9A1CAL 59/59 JN86FJ MIRKO S G4UPS  
 11021717-9A1CCB 59 > IO80JV H G4UPS  
 11021721 9A7V 59/59 JN86EH > IO80JV S G4UPS  
 11021724 9A8A 59/59 JN75KS PETER S G4UPS  
 11170704 9A8A JM86 > JO65 LEONIDS SM7AED  
 11170942 9A8A 59/59 MARK > IO80JV S G4UPS  
 11172352+9A8A 55 > IO80JV H G4UPS

#### CZECH REPUBLIC

10151941+OK2DD 59+ > IO80JV H G4UPS  
 10191840 OK1DDO JO60 > JO65 AU H SM7AED  
 11131500+OK1KDD JO60 -1700> JO65 AU SM7AED  
 11181005 OK0EK 599 & 1146 > IO80JV B G4UPS  
 11181021 OK2RX 59/59 JN89 LADA S G4UPS  
 11181043 OK2POI 55/55 JN99BL> IO80JV S G4UPS

#### DENMARK

10111333 OZ3EW 599/559 C YOTVS  
 10111408 OZ2LD 599/559 JO54TU C YOTVS  
 11052025 OZ6VHE 569 -2028 > IO80JV B G4UPS  
 11170843 OZ4AV 599/559 FINN > IO80JV C G4UPS  
 11170844 OZ7IGV > IO80JV B G4UPS  
 11170905+OZ6EI 599, OZ7DX 59 > IO80JV H G4UPS  
 11171035 OZ7YY 599 > IO80JV H G4UPS  
 11172217 OZ2LD 559/559 VY QSB C G4UPS

#### ENGLAND

10111235 G3HBR 59/59 IO91QQ BRIAN S YOTVS  
 10111255 G1YLN 59/59 IO02OB PAUL S YOTVS  
 10201055 G3SYK 599/559 IO93 C YOTVS  
 10201118 GOPIK 55-58/54 JO2KEI ALWIN S YOTVS  
 10201129 G3IMV 599/559 C YOTVS  
 10201134 G3JLB 579-599/589 JN01EK LESC YOTVS  
 10201153 G7EXR 57/55 IO91PG S YOTVS  
 10201212 G3JHM 599/559 IO91LC C YOTVS  
 10201232 M1BWP 59/58 JN01BM ANDY S YOTVS  
 10201310 GOFIP 57/55 IO90UU S YOTVS  
 10201326 M1BK1 59/59 JN01QH JIM S YOTVS  
 11021153 G4UPC 55 H DAIMH  
 11051833 M1BRE IO83 > JO65 AU SM7FJE  
 10201212 G3JHM 599/559 IO91LC C YOTVS  
 10201247 G4VPD 59/59 IO92BJ MIKE S YOTVS  
 10201310 GOFIP 57/55 IO90UU S YOTVS  
 10201326 M1BK1 59/59 JN01QH JIM S YOTVS  
 11021153 G4UPC 55 H DAIMH  
 11051833 M1BRE IO83 > JO65 AU SM7FJE  
 11170657 G6YVW > JO65 LEONIDS 50.084 B SM7AED  
 11170741 G8BG/C/P IO70 > JO65 LEONIDS SM7AED  
 11170826 G3CCH IO93 > JO65 LEONIDS SM7AED  
 11170826 G4UPS IO80 > JO65 LEONIDS SM7AED

#### ESTONIA

10111235 ES1AJ 599/559 C YOTVS  
 10191548 ESOHD K018 > JO65 SM7FJE  
 10200944 ESIWC 599/559 KO29 C YOTVS  
 10241449 ESI1AJ 599/559 C YOTVS  
 11061722 ES2RA K029 > JO65 AU SM7FJE  
 11071435 ESI1CW K029 > JO65 AU SM7FJE  
 11091525 ES2NA K029 > JO65 AU SM7FJE  
 11131500+ES05IX -1700> JO65 AU B SM7AED  
 11170721 ESI1AJ K029 -1700> JO65 AU SM7AED  
 11250933 ES2QN K029 > JO65 H SM7AED  
 11250947 ESI1CW K029 > JO65 H SM7AED  
 11251016 ESI1CW 599++ 50.100 OH4GG

#### FINLAND

10111230 OH3MF 599/559 KP20FR C YOTVS  
 10191546 OH3QL KP20 > JO65 SM7FJE  
 11051935 OH1SIX 569-->559 > IO80JV B G4UPS  
 11051941 OH3NJC 569 > IO80JV H G4UPS  
 11061731 OH5HQ KP30 > JO65 AU SM7FJE  
 11071488 OH5HIX KP36 > JO65 AU SM7FJE  
 11071513 OH3MF KP21 > JO65 AU SM7FJE  
 11071600 OH4NLP KP11 > JO65 AU SM7AED  
 11071630 OI5AX KP30 > JO65 AU SM7FJE  
 11071702 OH1LT K000 > JO65 AU SM7FJE  
 11131500+OH1SIX -1700 > JO65 AU B SM7AED

11170957 OH9SIX KP36 > JO65 LEONIDS B SM7AED  
 11250942 OH5LK, OH5PM KP30 > JO65 W SM7AED

#### FRANCE

10121352 F6BQX 59/55 JN06GT GERARD S YOTVS  
 10231159 P6HTJ 59/57 JN12KQ S YOTVS  
 11011648 F6DRD JN03 > JO65 SM7FJE  
 11021701 F5MMF JN04 > JO65 SM7FJE  
 11051749 F1BBK JN08 > JO65 AU SM7FJE  
 11170922 F3CB JN06 > JO65 LEONIDS SM7AED  
 11210956 F1PUV 59/55 JN16 MS? S YOTVS

#### GERMANY

10111238 DL4BZL 59/59 JN053CM C YOTVS  
 10111259 DJ6TK 589/559 C YOTVS  
 10121335 DL4MDQ 59/59 JN58SP MAX S YOTVS  
 10191554 DP3KC JN32 > JO65 SM7FJE  
 10200954 DL9USA 599/559 C YOTVS  
 10201112 DL2PB 59/59 JN041GV HANS C YOTVS  
 10201117 DJ6TK 59/59 WILF S YOTVS  
 10201122 DL3YEL 57/55 JN041EV ULLI S YOTVS  
 10201131 DL1EJA 599/579 JN031DB OLIVER S YOTVS  
 10201143 DL1EJA 59/59 JN031DB OLIVER S YOTVS  
 11021219 DA1MNI 55/55 JN48 MATT S G4UPS  
 11021276 DL3LPA 59/59 JN67LU LUDWIG S G4UPS  
 11051814 DJ6XV JO31 > JO65 AU SM7FJE  
 11051903+DL3DXX 55 > IO80JV H G4UPS  
 11051950 DF8AX 569/569 JN06XX WOLF C G4UPS  
 11051953+DL6AMI 59 59 > IO80JV H G4UPS  
 11091448 DL1EJA JO31 > JO65 AU SM7AED  
 11131500+DL6AMI -1700 > JO65 AU SM7AED  
 11170828 DF9CY 599/559 JN04 > IO80JV C G4UPS  
 11170905+DJ2RE 599 > IO80JV H G4UPS  
 11170940 DJ4AX 55 > IO80JV H G4UPS  
 11172352 DL7QW 59/59 JN639 > IO80JV S G4UPS

#### GREECE

11211803 SVISIX 539 KM17>JO50 50.040 B DL4ALI  
 11211740 SVISIX 529>JO23 50.040 B PE1MC  
 12121709 SVISIX KM17>JN53 559 50.040 B I5MXX  
 12121726 SVIWE KM18 50.110 I4GOC  
 12191045 SV1DH CQ DX CQ 50.110 SV1OE  
 12191744 SV1DH KM17 50.110 I2ADH  
 12191746 SV1DH 50.110 HB9SJY

#### IRELAND

11081017 EI5PK 449 BACKSCATTER 160° H G4UPS

#### ISLE OF MANN

11091811 GD0TOP 55A/55A IO74 ANDY C G4UPS

#### ITALY

09210927 II1BPV 59/59 JN35VV MS? S YOTVS  
 10201052 IX4IDF JN54 > JO65 SM7AED  
 10201052 IX4IDF JN54 > JO65 SM7AED  
 10201156 IW7BSO JN71 > JO65 SM7AED  
 10291125 IZ9V 57/59 JN780 > JO65 SM7AED  
 11011608 IOJK 579-->589 > IO80JV B G4UPS  
 11011634 I4XCC 55 WR 1651 59/59 JN63 H G4UPS  
 11011644 IK0FTA 59/59 JN61GV SERGIO S G4UPS  
 11011656 IW2JMC 59/59 JN45 VALENTINO S G4UPS  
 11011658 IK3GSO 59/59 JN645 ENRICO S G4UPS  
 11011658+IW2OVC 559, IW2HUS 59 H G4UPS  
 11011707 IWODOP 55/55 JN61JW S G4UPS  
 11011714 IW4DCW 59/59 JN34LP ROBERT S G4UPS  
 11011714+IOBR 579, IOJK TONY 59 H G4UPS  
 11011714+IK4DRY 55, IK0BAL 59 + MORE H G4UPS  
 11011737 IK5YK 559/559 JN530B CIRO C G4UPS  
 11021652 IX4IDF 59/59 JN54KXL RAFAEL S G4UPS  
 11021700 IZ7PB 55/55 JN80JW ENSO S G4UPS  
 11021732 IW3RKZ 55/55 JN66PC CLAUDIO S G4UPS  
 11021741 IK3RCK 55/55 JN66OB ROBERT S G4UPS  
 11021749 IK3SSO 57/57 JN65HM MAURO C G4UPS  
 11051817 IW4DCW JN54 > JO65 AU SM7FJE  
 11081030 IW5BML 56 -1036 > IO80JV H G4UPS  
 11151530+IK7VBD JN80, IK7VDR JN81 S SM7AED  
 11151530+IW8EPL JN89, IW8QQJ JN65 SM7AED  
 11170626 IK5YEW JN53 > JO65 LEONIDS SM7AED  
 11170904 IW2SGW 599/559 CLAUDIO C G4UPS  
 11170949 IV3WQS 59/59 JN66OC LUCA S G4UPS  
 11211007 IK1GPQ 59/59 JN34 MS? S YOTVS  
 11211059 IW5RK B SM7AED

#### JAN MAYEN

11131930 JX7DFA/P AuEs 50.110 GM4DGT

#### LATVIA

10111402 YL3AG 599/579 KO26AW C YOTVS  
 11091846 LY8AOG KO26 > JO65 AU SM7AED  
 11131500+YL8AOG KO26 -1700> JO65 AU SM7AED

#### LITHUANIA

11071638 LY2BAW KO25 > JO65 AU SM7FJE  
 11071639 LY2BAW KO25 > JO65 AU SM7AED  
 11131500+LY2ZKA KO14 -1700> JO65 AU SM7AED  
 11170658 LY2MW KO24 > JO65 LEONIDS SM7AED  
 11242018 LY2BOS KO14 50.150 LY1DQ  
 11291117 LY2BA KO24 59++ 50.135 PE1FEI  
 11291119 LY2MW KO25 50.122 OB9CFB

#### LUXEMBOURG

12131231 LX1JX CQ 50.110 PB0ALN

#### MALTA

11151530+9H1CG, 9H1XT JN75 > JO65 Es H SM7AED  
 12281709 9H5AB JM75 57>JO60 50.116 OK1DDO

12281724 9H5AB JM75 50.171 IK1SOW

**NETHERLANDS**

10111234 PAJDWD 59/59 JO23SE	S YOT7VS
10111236 PAOLPW 57/58 JO22W BERT	S YOT7VS
10111305 PAOLSB 59/59 JO21 JOS	C YOT7VS
10201100 PAJHBB 59/59 JO33GD	C YOT7VS
10201110 PEIHWOO 59/59 JO21GV ANDRE	C YOT7VS
10201116 PEIHWOO 59/59 JO21MV	S YOT7VS
10201335 PAJGDM 59/59 JO21MM	S YOT7VS
11051815 PEIRDPE JO21 > JO65 AU	SM7FJE
11071603 PAOOOS JO33 > JO65 AU	SM7AED
11091424 PAOLSB JO21 > JO65 AU	SM7AED
11131500+PAOOOS -1700 > JO65 AU	SM7AED
11170931 PAJBLB 59/59 JO22LM ERWIN S	G4UPS
11170945 PAOKPQ JO11 > JO65 LEONIDS	SM7AED

**NORTHERN IRELAND**

11091623 GI0OTC 55A (SSB) &gt; IO80JV H G4UPS

**NORWAY**

10201254 LA9DI 59/57 JO59CE	S YOT7VS
10231910 LASTFA JP99 > JO65	SM7FJE
11051623 LC1XAT JP32 > JO65 AU	SM7FJE
11071527 LAZMJA JP60 > JO65 AU	SM7AED
11071627 LAZOG JP42 > JO65 AU	SM7FJE
11091319 LAJEDA JP50 > JO65 AU	SM7AED
11131500+LA3EQ JO28 -1700 > JO65 AU	SM7AED
11131500+LC2XAT JP32 -1700> JO65 AU	SM7AED

**POLAND**

09210943 SP9KDA 59/59 JO90EU MS?	S YOT7VS
10111433 SP9BNJ 55/59 JO94HK AL	C YOT7VS
11011654 SP9DSD 59/59 JO90KG LEO	S G4UPS
11051210 SP8UFT 59 > IO80JV H G4UPS	
11051210 SRSEIX 559 > IO80JV B	G4UPS
11051225 SP5B2K 59/59 KO02KE ANDY	S G4UPS
11051733 SP2BNJ 55/59 JO94HK AL	S G4UPS
11051759 SQ2EZZ 59/59 JO94HI STAR	S G4UPS
11051759+SP9QSD, SP1PG, SP2MKO 59	H G4UPS
11051812 SR8SIX 449, SP9HWN 59	B G4UPS
11051823 SP5SS 599/599 KO02OI ANDY	C G4UPS
11051844 SR8SIX 599 > IO80JV B	G4UPS
11051844+SP1MWT 57 > IO80JV H G4UPS	
11051844+SQ9ACM 55, SP2DDX 59	H G4UPS
11051903 SP5MPB 55/599 KO03 MAREK	C G4UPS
11051930+SP5S6VW 59 > IO80JV H G4UPS	
11051941+SPGTR/9 559 > IO80JV H G4UPS	
11071649 SP5BAAK KO02 > JO65 AU	SM7FJE
11091346 SP4MPB KO03 > JO65 AU	SM7AED
11131500+SP5CCC KO02 -1700 > JO65 AU	SM7AED
11161245 SR8SIX KN14 > JO65 50.027 B	SM7AED
11170624 SP9HWN KO00 > JO65 LEONIDS	SM7AED
11170700 SP5BAK KO02 > JO65 LEONIDS	SM7AED
11170828+SP5BAK 55 > IO80JV H G4UPS	
11170903 SR8SIX 579 > IO80JV B	G4UPS
11170922 SP6ASD 599/599 JO81 TADEK	C G4UPS
11171008 SP9HWN 55/57 > IO80JV S	G4UPS
11180915 SR8SIX 569 -1005 > IO80JV B	G4UPS
11180945 SP5BAAK 59/59 KO02KE ANDY	S G4UPS
11181023+SR8SIX 569 & 1146 > IO80JV B	G4UPS
11181046 SP5SOI 579/559 JO90M KRIST	C G4UPS
11181053 SP9QFZ 59 < 1055 > IO80JV H G4UPS	
11181146 SP6ASD 579/579 JO81 TADEK	C G4UPS
11301129 SP4WI KO13 > JO65 Es	SM7AED

**PORTUGAL**

12200924 CT0WW 55>JM61	50.029 B I0WTD
12281750 CT0WW 599 JM46	50.030 B HB9OAB

**ROMANIA**

10200955 Y07VS KM14 > JO65	SM7AED
11171150 Y07LGI KM14 > JO65 LEONIDS	SM7AED
12190720 Y04BEC KM45>JO22 59	PB0ALN

**RUSSIAN FEDERATION**

11071519 UAIWER KO47 > JO65 AU	SM7FJE
11170810 UAIWER KO47 > JO65 LEONIDS	SM7AED
12150590 UAIWER KO47 > JO65	SM7AED
12251056 UAIWER KO47>JO20	50.125
11291228 UAIWER KO47 WKG PA	50.125
	09BGP

**SARDINIA**

12211025 IS0QDV 59/59 MS? S YOT7VS

**SCOTLAND**

11051623 GB3LER IP90 > JO65 AU	B SM7FJE
11051851 MM0AMM IO75 > JO65 AU	SM7FJE
11071440 MMIBUO IO88 > JO65 AU	SM7FJE
11071531 GM4OBD IO97 > JO65 AU	SM7AED
11071624 GM3WKZ IO88 > JO65 AU	SM7FJE
11091630 MM0AMM 55A AURORA > IO80JV H	G4UPS
11091630+GB3LER 33A AURORA > IO80JV B	G4UPS
11091740 MM0AMM 56A/55A IO75EJ DAVID	S G4UPS
11091740+GM3POI 56A (CW) > IO80JV H	G4UPS
11131000+GB3LER, GB3RMK > JO65 AU	B SM7AED
11170739 GM7SJC IO87 > JO65 LEONIDS	SM7AED
11170820 GB3LER 579, GB3RMK 599	B G4UPS
11170827 GM4DGT 599/599 BILL C	G4UPS
11170930 MM0AMM 57 > IO80JV H	G4UPS

**SERBIA**

11211722 YU1HQR 579/579 JH94US MICKELO	G4UPS
11241714 YU1HQR CLG CQ CW	50.110 DL9USA
12091019 YU1HQR	50.110 9A8A
12142037 YU1EU	50.110 YU1ABA

**SICILY**

11151223 IT9EQM 559 < 1226 > IO80JV H	G4UPS
11151330+IT9GAC JM77 > JO65 < 1630 W	SM7AED

11151530+IT9MAN JM77, IT9TJH JM67 Es SM7AED

11021707 OM3ID 599/579 JN88ME JAN C G4UPS

11051844+OM3ID 55 &gt; IO80JV B G4UPS

11172350+S57A 57 &gt; IO80JV H G4UPS

11172355+S57A 57 &gt; IO80JV C G4UPS

11181023 S57EA JN76HE MIRAN &gt; IO80JV W G4UPS

11170945 PAOKPQ JO11 &gt; JO65 LEONIDS

SM7AED

**SPAIN**

11011610 EH5VD IM99 > JO65	SM7FJE
11021718 EH1EBJ IR93 > JO65	SM7FJE
11222256 EH7KW 55 JOSE	50.110 LW5EJU
11171230 EA1WXF JN01MU > JO65	50.060 B SM7AED

**SWEDEN**

10111212 SM7TEK 59/57 JO77ML	S YOT7VS
10111225 SM6CMU 559/59 JO57XK	C YOT7VS
10171423 SM7AED 599/59 ARNE	C YOT7VS
10200955 SM7AED 599/59	C YOT7VS
10201257 SM7BOU 59/57 JO66KG KICKE	S YOT7VS
10241231 SM6CMU 559/59 JO57XK	C YOT7VS
10240835 SM0BS 559/59 JO99IS ROINE	S YOT7VS
11051953 SM5GJB 58/58 JP89VW JANOLA	S G4UPS
11052016 SM7GWU 55 > IO80JV H G4UPS	
11061701 SM3BIU JF73 > JO65 AU	SM7FJE
11071429 SM3BIU JF92 > JO65 AU	SM7FJE
11071523 SM4IED JF70 > JO65 AU	SM7AED
11091400 SM4MWJ JF70 > JO65 AU	SM7AED
11131500+SK3SIX -1700 > JO65 AU	B SM7AED
11131500+SM3GUJ JP80 -1700 > JO65 AU	SM7AED
11150835 SM7AED 559/449 > IO80JV C G4UPS	
11160841 SM7AED 559/59 > IO80JV C G4UPS	
11170832 SM3BIU JF73 > JO65 LEONIDS	SM7AED
11170832 SM3BIU 559/59 JP73STT BAS	C G4UPS
11170901 SM70YY 559/59 JO66JX LARS	C G4UPS
11170905+SK3SIX 579 > IO80JV B	G4UPS
11170905+SM57BYU 59 > IO80JV H G4UPS	
11171100 SM5HJZ 59/57 JO99AV JONAS	S G4UPS
11180837 SM7AED 559 CLG G3CHC	H G4UPS
11211037 SM7CMU 579/59 MS? > IO65	C YOT7VS

**SWITZERLAND**

11171008 HB9HFK JN36 > JO65 LEONIDS	SM7AED
11171008+HB9FK 559 > IO80JV H G4UPS	

**UKRAINE**

10201025 UU2JJ KN74 > JO65	SM7AED
10201043 UT5RP KN56 > JO65	SM7AED
10241600 US5CCO KN59 > JO65	SM7FJE
10241632 UR5ZEL KN56 > JO65	SM7AED
1118XXXX UR5ZEL KN56 > JO65 Es	SM7AED
11210952 US5CCO KN59 > JO65 Es	H SM7AED
11211026 US5BKL KN78 > JO65 Es	SM7AED
11291133 US5BKL KN78 > JO65 Es	SM7AED

**VATICAN**

11161252 HV5PUL JH61 M/S SM7AED

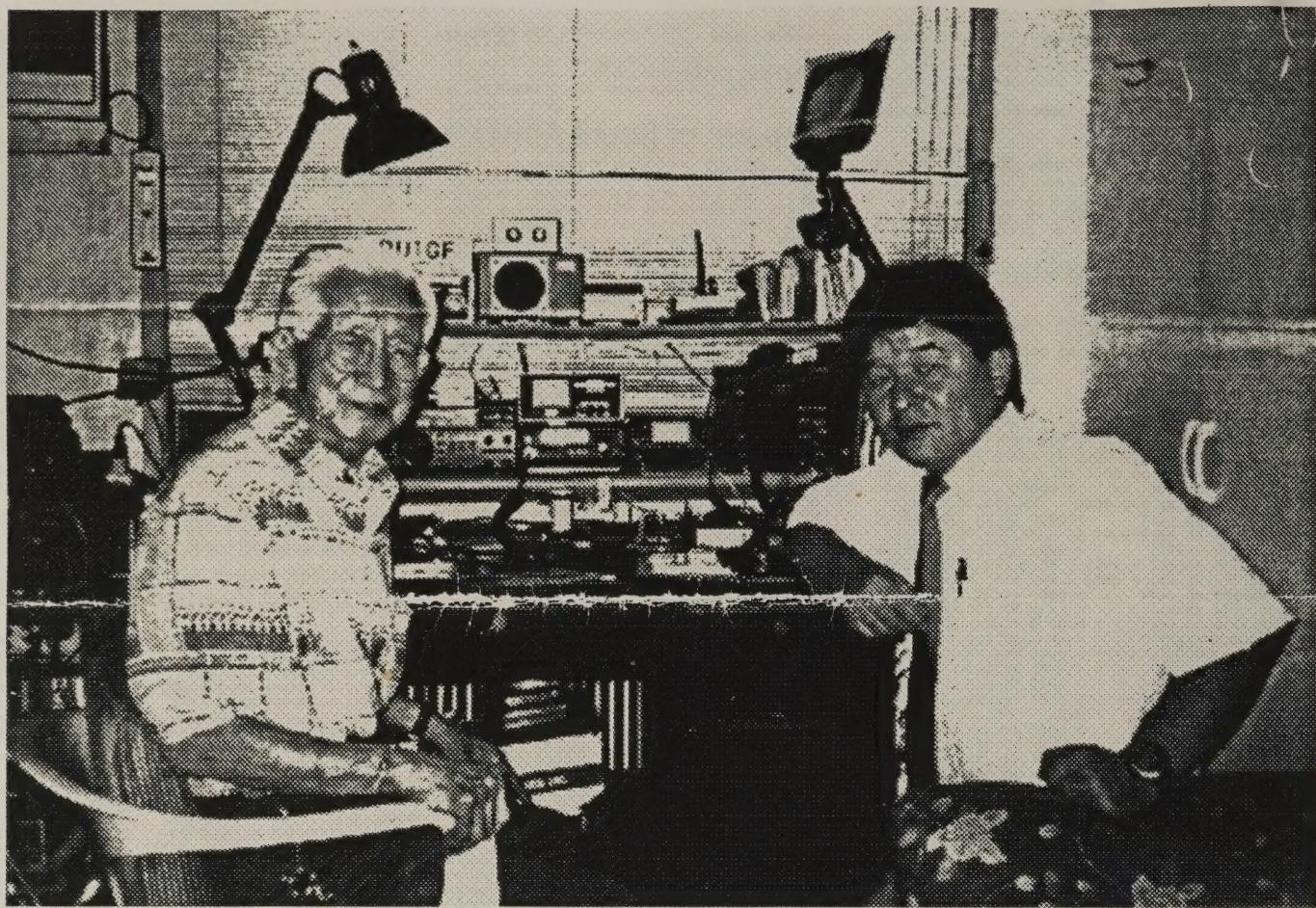
11170624 HV5PUL JH61 M/S SM7AED

11170624

12062204	XE1/SMOKAK	EK09>RF70	50.110	S	ZL2TPY	12092355	WP3JHU	51 JAVIER	50.140	LW5EJU	12220011	WA4LOX	50.110	W3EP/1
12062204	XE1KK	> RF70	50.023	B	ZL2TPY	12101548	KP3A	FK68>FM04BD	50.125	W4WRL	12220129	KC5OGT	50.125	87CW
12102336	XE1KK	> RF70	50.023	B	ZL2TPY	12132338	KP4/KB6SL	50.110	PY5CC	12291555	N4HQ	50.128	WA1OUB	
12110045	XE1KK	559		B	ZL2KT	12152336	KP4HX	CQ 6M	50.110	PY5CC	12291602	WA4HFN	50.063	B K10DUB
12110050	-XE1KK	59 QSB		B	ZL3TIC	12152343	KP4HX	57 BRAULIO	50.110	LW5EJU	12291604	KD4GNH	50.140	WA1OUB
12110050	-XE2UEL	59		B	ZL3TIC	12181503	KP4/KB6SL	>EL87RL	50.110	W4DBESV	12291605	H4GH	50.128	K1JC
12110235	XHBC	3 BCN Mexicali		T	WA5IYX	12182350	KP4HX		50.110	PY5CC	12291607	WA4HFN	50.063	B K10L
12110237	XE2UEL	50.028		T	WA5IYX	12212043	KP4EIT	JOSE > EL87RL	50.110	W4DBESV	12291611	KD4GNH	50.125	WA1OUB
12110237	XE2UEL	50.028		B	ZL3TIC	12212140	WP40	>FN65RR	50.110	VE3BW				
12111945	XE2UEL	589		B	ZL3TIC	12212230	KP3A	AL FK63 S9	50.097	AC5OG				
12112108	XE1KK	> RF70	50.023	B	ZL2TPY	12212309	KP3A	PK68>FN44	50.135	K1TOL				
12112114	XE2UEL	> RF70	50.028	B	ZL2TPY									
12112225	XE1/SMOKAK	50.110		S	ZL3ADT									
12112228	XE1/SMOKAK	54/54 EK09>RE57		S	ZL2TPY									
12112230	XE1/SMOKAK	> RF70 50.		S	ZL2TPY									
12112231	XE1/SMOKAK	59 FOR 3 HRS		S	ZL3TIC									
12120000	XE1/G3SVD	52/55 EK09>RE57OM		S	ZL3TIC									
12120120	XE			H	ZL									
12122005	XE1KK	59		B	ZL3TIC									
12122100	XE1KK	> RF70 50.023		B	ZL2TPY									
12122145	XE1GE	> RF70 50.110		S	ZL2TPY									
12122210	XE1GE	55		S	ZL3TIC									
12122211	XE1GE	50.110		S	ZL3ADT									
12122225	XE1/SMOKAK	50.110		S	ZL3ADT									
12122225	XE1/SMOKAK	59		S	ZL3TIC									
12122228	XE1KK	> RF70 50.		S	ZL2TPY									
12122331	XE1/G3SVD	57		S	ZL3TIC									
12130011	XE1/SMOKAK	419 BACKSCATTER		C	W5UWB									
12130011	XE1/SMOKAK	BACKSCATTER>EL17		T	W5UWB									
12130030	XE1/G3SVD	319 BS > EL17AX		C	W5UWB									
12130030	XE1/G3SVD	BACKSCATTER>EL17		T	W5UWB									
12132107	XE1KK	> RF70 50.023		B	ZL2TPY									
12132150	XE2UEL	> RF70 50.028		B	ZL2TPY									
12142034	XE1KK	> RF70 50.023		B	ZL2TPY									
12142200	XE1KK	59 -2330		S	ZL3TIC									
12142200	XE2UEL	59 -2330		B	ZL3TIC									
12142232	*XE1/SMOKAK	BACKSCATTER		W	G3SVD/XE1									
12162053	XE1KK	> RF70 50.023		B	ZL2TPY									
12162152	XE2UEL	> RF70 50.028		B	ZL2TPY									
12192100	XE	BCNS 559		B	HP2CWB									
12200325	XE1/SMOKAK	59+10>DM79		W	W6OAL/0									
12200331	XE1/SMOKAK	55 > DM79RJ		NOVS										
12210030	XE2HWT	BS > EL17AX		S	W5UWB									
12210150	XHBC	3 BCN Mexicali		T	WA5IYX									
12210230	XE1/SMOKAK	579 EK09>CM98		W	W6JOK									
12220100	XHQA	5 BCN Mexicali		T	W7SOK									
12220100	XHBC	3 BCN Mexicali > ID		T	W7SOK									
12220150	XE1/G3SVD	DM06	50.110	W	W16G									
12220154	XE1HNVK	>DM06	50.1065	W	W16G									
12220200	XE1/SMOKAK	50.096	W	W16G										
12220203	XE1KK	>0300	50.022	B	ZL2TPY									
12242200	XE2UEL	599		B	ZL3TIC									
12260223	XE1/SMOKAK	EK09>EL09QL .108		B	WA5IYX									
12260230	XE1/G3SVD	EK09>EL09QL .124		W	WA5IYX									
12260300-XH	2 Lots + ch 3-5			T	WA5IYX									
<b>PANAMA</b>														
10252159	HP2CWB	FJ09		S	XE2HWB									
11151922	HP3XUG	59+LUIS	50.110	LW5EJU										
12182225	HP2CWB	> EL86		W	K20Y/4									
12192100	HP2CWB	57/57 SIDESCATTER	XE	S	CO20J									
12200005	HP3XUG	EJ88>EL49	50.105	S	WA5RJ									
12200014	HP2CWB	57 EJ09>RM21	50.125	S	WA5JCI									
12200029	HP2CWB	FJ09>EL49	50.125	S	WA5RJ									
12200032	HP2CWB	JOSE > EM40	50.125	S	W5VAS									
12200033	HP2CWB	FJ09>EM35	50.125	S	K5UR									
12200048	HP2CWB		50.125	S	KH7R									
12200104	HP2CWB	FJ09>EM12	50.125	S	KY5B									
12200107	HP3XUK	LOUIS	50.105	B	HP2CWB									
12200109	HP3XUK	EJ88 TO EM35	50.105	S	K5UR									
12200118	HP3XUK	58 EJ88>RM21	50.105	S	WA5JCI									
12200123	HP3XUK	EJ88>EM12	50.105	S	KY5B									
12200206	HP2CWB	FJ09>EL09	50.115	S	K15GP									
12200209	HP2CWB	FJ09>EM12	50.115	S	KY5B									
12220053	HP2CWB	FJ09>EM12	50.110	PY5CC										
12252054	HP2CWB	53/55 JOSE > FK68		W	WP40									
<b>PUERTO RICO</b>														
10062235	WP40	59 EDWIN	50.110	LW5EJU										
10081930	WP40	53 EDWIN	50.110	LW5EJU										
11010021	KP4BIT	52 PAPO	50.140	LW5EJU										
11010056	KP3A	59 ALFONSO	50.150	LW5EJU										
11010153	KP3A	59	50.050	B	LP5EJU									
11032305	KP4BIT	53 PAPO	50.150	LW5EJU										
11052344	KP4HX	50 BRAULIO	50.110	LW5EJU										
11052345	KP4BIT	59	PAPO	50.160	LW5EJU									
11052348	KP4BIT	51 PAPO	144.200	LW5EJU										
11081523	WP40	58 W1602 -1640	0.125	S	XE1AVM									
11081934	KP3A	58 ALFONSO	50.110	LW5EJU										
11082152	KP4BIT	59+PAPO	50.150	LW5EJU										
11092309	WP40	59+EDWIN	50.110	LW5EJU										
11092312	KP4BIT	59+PAPO	50.170	LW5EJU										
11092320	KP4HX	50 BRAULIO	50.110	LW5EJU										
11092327	KP4IA	57 TONY	50.110	LW5EJU										
11160111	KP4BIT	55 PAPO	50.140	LW5EJU										
11172332	KP4HX	55 BRAULIO	50.115	LW5EJU										
11172343	KP4BIT	59 PAPO	144.300	LW5EJU										
11192338	WP40	57 EDWIN	50.150	LW5EJU										
11192349	KP4BIT	55 PAPO	50.150	LW5EJU										
11222314	WP40	53 EDWIN	50.150	LW5EJU										
11252337	KP4BIT	50.111	PY2EL											
11252340	KP4HX	51 BRAULIO	50.150	LW5EJU										
11252344	KP3A	59 ALFONSO	50.150	LW5EJU										
11272342	KP4BIT	52 PAPO	50.120	LW5EJU										
12012323	KP3A	53 ALFONSO	50.140	LW5EJU										
12022311	WP40	53 EDWIN	50.110	LW5EJU										
12022330	KP4HX	51 BRAULIO	50.110	LW5EJU										
12022339	KP4BIT	51 PAPO	50.110	LW5EJU										
12032315	WP40	53 EDWIN	50.150	LW5EJU										
12032327	KP4BIT	57 PAPO	50.150	LW5EJU										
12042346	WP4HSO	57 VICTOR	50.110	LW5EJU										
12050015	KP4BIT	59 PAPO	144.300	LW5EJU										
12050048	KP4BIT	51 PAPO	50.110	LW5EJU										
12070049	KP4BIT	53 PAPO	144.300	LW5EJU										
12092340	KP3A	55 ALFONSO	50.140	LW5EJU										
<b>UNITED STATES, W1</b>														
12092355	WP3JHU	51 JAVIER	</td											







George, DU1GF, 85 years old, active since cycle 19 and Yama, JA6HOR (ex 5W1GP) during October 98 visit.  
Tnx JA1VOK for photo.

#### VENEZUELA

11050046	YV5YC	59+BEN	50.110	LW5EJU
12032327	YV4AB	52	50.025	B LWSEJU
12040051	YV4AB		50.025	B PP1CZ
12152335	YV4DYJ	WKG LU8	50.120	PY5CC
12192350	YV4DYJ	FK60 59	50.110	HP2CWB

#### Louis, HP3XUG, writes:

The bands here are the same as the states, although a little cut off on some. 430 is only 430-440 MHz, 2 mtr is same 4 MHz, same with 6m, 220-225, 902-928, 1240-1300 etc

Licenses are class B to 500W and class A to 1 kW. Class A is obtainable, but not easy. It took me four years to get mine converted finally.

I have been copying the HC2FG beacon quite well on 50.0885 mornings; about 20-60 seconds just out of the noise then 1-4 minutes below; but almost continuously from 1030-1300Z (0530-0830 EST). I also get a few MS pings and bursts during the same periods.

It is interesting to see this little 5W & J-pole beacon in here so consistently.

I had a report from HK0EHU, who I am trying to get active, that he copies the VHF ch 16 from Panama there regularly--not too surprising as it's 250-300 miles away.

#### IARU Region 1 50 MHz Band Plan

IARU	Region 1 / UK usage
50.000-50.100 CW only	50.020-50.080 Beacons
	50.090 CW calling frequency
50.100-50.500 SSB and CW only	50.100-50.130 DX window
	50.110 Int'l calling frequency
	50.150 SSB activity center
	50.185 Cross-band activity
	50.200 MS reference frequency (CW & SSB)
50.500-51.000 All modes	50.500-50.700 Digital commun.
	50.510 SSTV
	50.550 FAX
	50.600 RTTY
51.000-51.410 All modes	50.710-50.910 FM repeater outputs (UK)
	51.210 Emergency comms. priority
51.410-51.830 All modes	51.210-51.410 FM repeater inputs (UK)
	51.430-51.590 FM, 20kHz chan. spacing
	51.510 FM calling frequency
51.830-52.000 All modes	51.940-52.000 Emergency comm. priority

#### Notes:

The 50.100-50.130 DX window is *only* to be used for QSOs between stations in different continents.

The 50.110 intercontinental calling frequency is *not* to be used for QSOs. Please QSY even when working intercontinental DX.